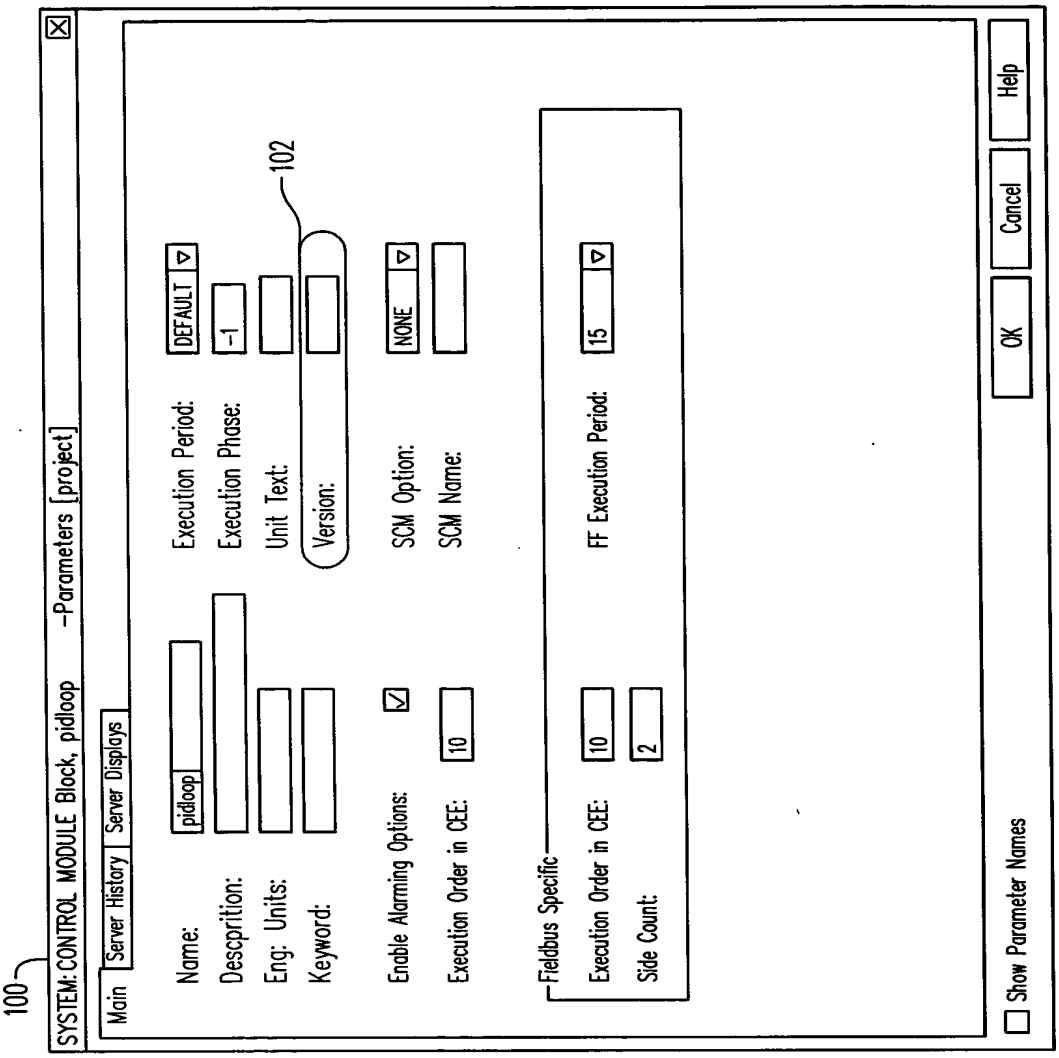
100
SYSTEM: CONTROL MODULE Block, pidloop -Parameters [project]
Main
Server History
Server Displays
Name:
pidloop
Description:
Eng: Units:
Keyword:
Execution Period:
DEFAULT
Execution Phase:
-1
Unit Text:
Version:
102
Enable Alarming Options:
SCM Option:
NONE
Execution Order in CEE:
10
SCM Name:
Fieldbus Specific
Execution Order in CEE:
10
Side Count:
2
FF Execution Period:
15
Show Parameter Names
OK
Cancel
Help
LEVEL 1

FIG. 1

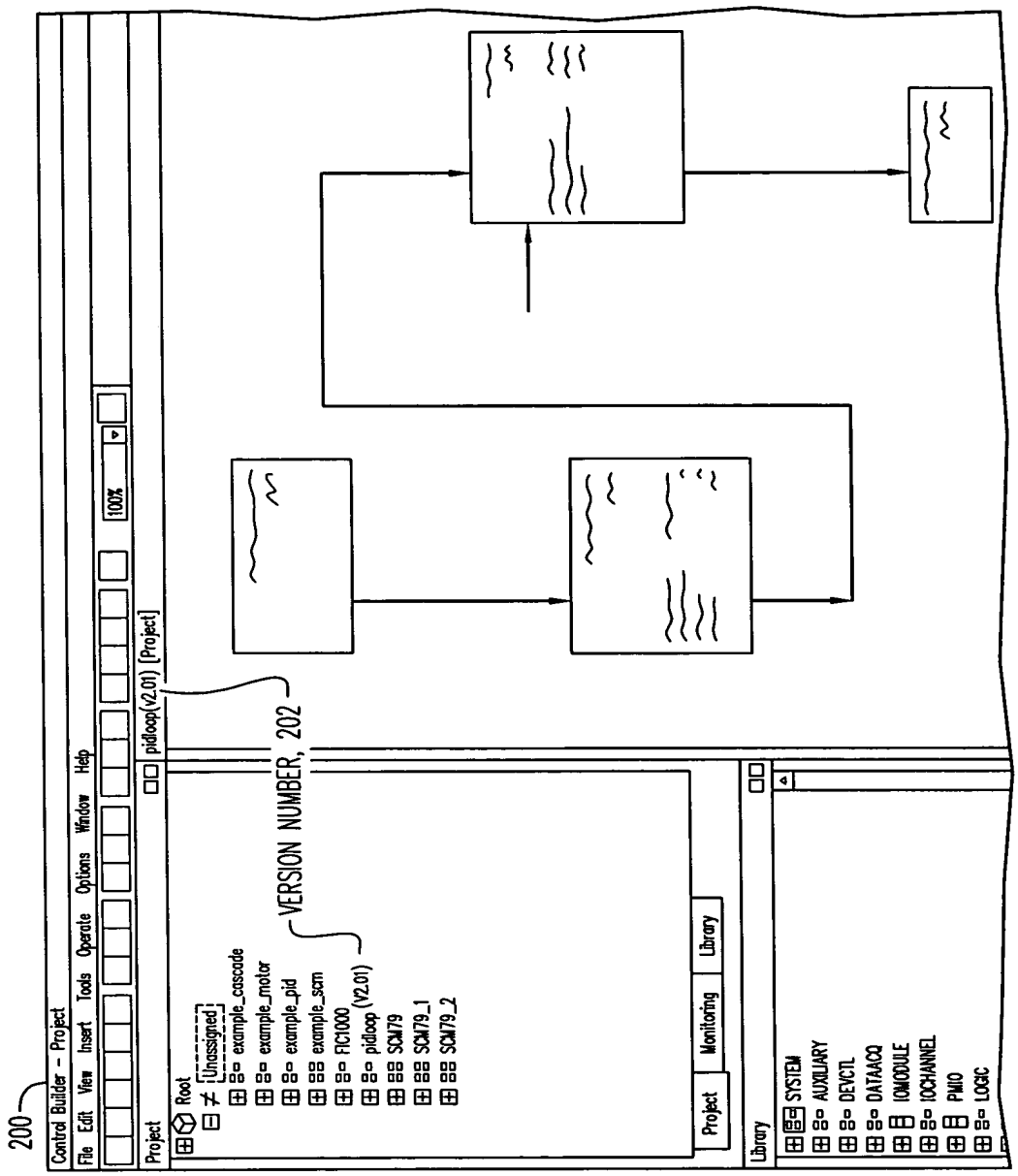
200
Control Builder – Project
File Edit View Insert Tools Operate Options Window Help
100%
Project
pidloop(v2.01) [Project]
Root
[Unassigned]
example_cascode
example_motor
example_pid
example_scm
FIC1000
pidloop (V2.01)
SQM79
SQM79_1
SQM79_2
VERSION NUMBER, 202
Project
Monitoring
Library
Library
SYSTEM
AUXILIARY
DEVCTL
DATAACQ
IOMODULE
IOCHANNEL
PMIO
LOGIC
LEVEL 2

FIG. 2

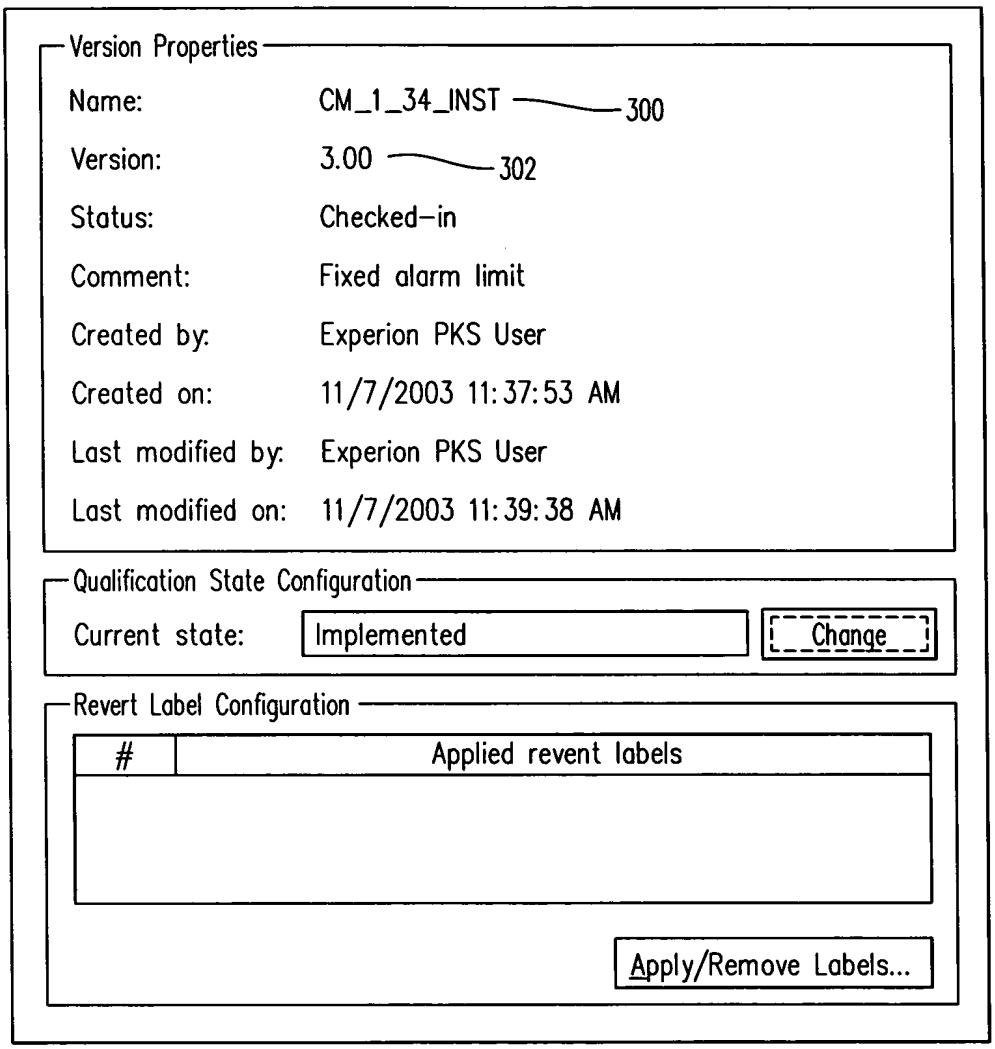
Version Properties
Name:
CM_1_34_INST
300
Version:
3.00
302
Status:
Checked-in
Comment:
Fixed alarm limit
Created by:
Experion PKS User
Created on:
11/7/2003 11:37:53 AM
Last modified by:
Experion PKS User
Last modified on:
11/7/2003 11:39:38 AM
Qualification State Configuration
Current state:
Implemented
Change
Revert Label Configuration
#
Applied revent labels
Apply/Remove Labels...

FIG. 3

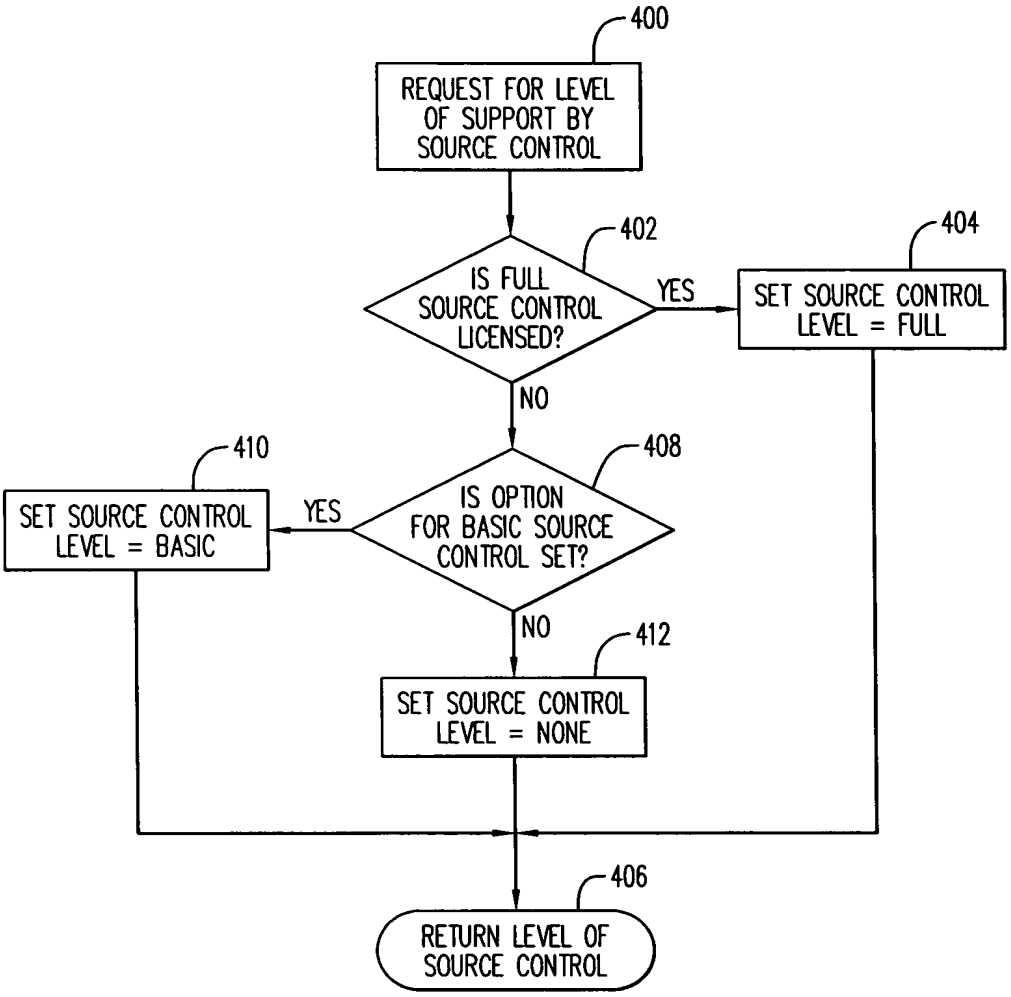
400
REQUEST FOR LEVEL OF SUPPORT BY SOURCE CONTROL
402
IS FULL SOURCE CONTROL LICENSED?
YES
404
SET SOURCE CONTROL LEVEL = FULL
NO
408
IS OPTION FOR BASIC SOURCE CONTROL SET?
YES
410
SET SOURCE CONTROL LEVEL = BASIC
NO
412
SET SOURCE CONTROL LEVEL = NONE
406
RETURN LEVEL OF SOURCE CONTROL

FIG. 4

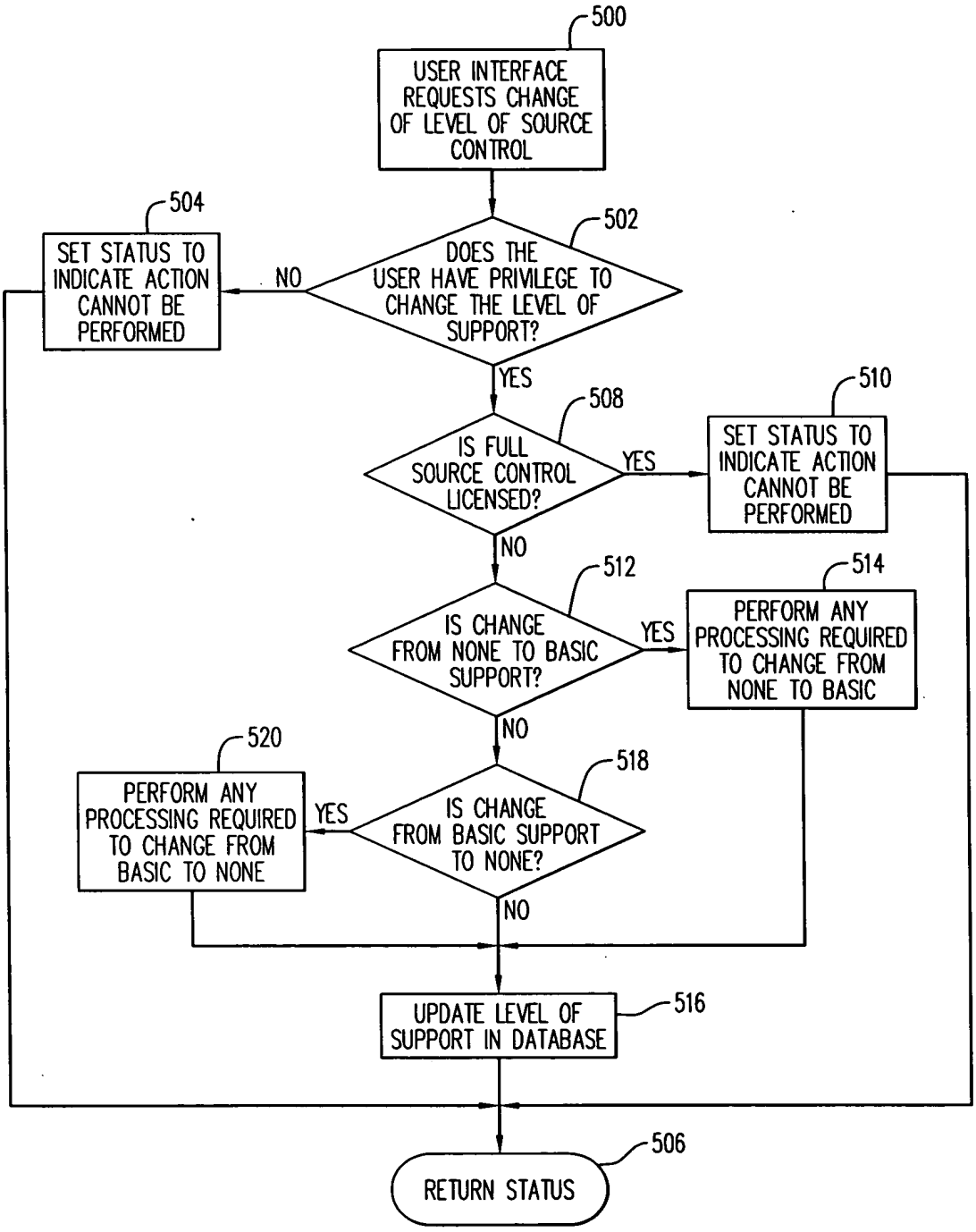
500
USER INTERFACE REQUESTS CHANGE OF LEVEL OF SOURCE CONTROL
502
DOES THE USER HAVE PRIVILEGE TO CHANGE THE LEVEL OF SUPPORT?
NO
504
SET STATUS TO INDICATE ACTION CANNOT BE PERFORMED
YES
508
IS FULL SOURCE CONTROL LICENSED?
YES
510
SET STATUS TO INDICATE ACTION CANNOT BE PERFORMED
NO
512
IS CHANGE FROM NONE TO BASIC SUPPORT?
YES
514
PERFORM ANY PROCESSING REQUIRED TO CHANGE FROM NONE TO BASIC
NO
518
IS CHANGE FROM BASIC SUPPORT TO NONE?
YES
520
PERFORM ANY PROCESSING REQUIRED TO CHANGE FROM BASIC TO NONE
NO
516
UPDATE LEVEL OF SUPPORT IN DATABASE
506
RETURN STATUS

FIG. 5

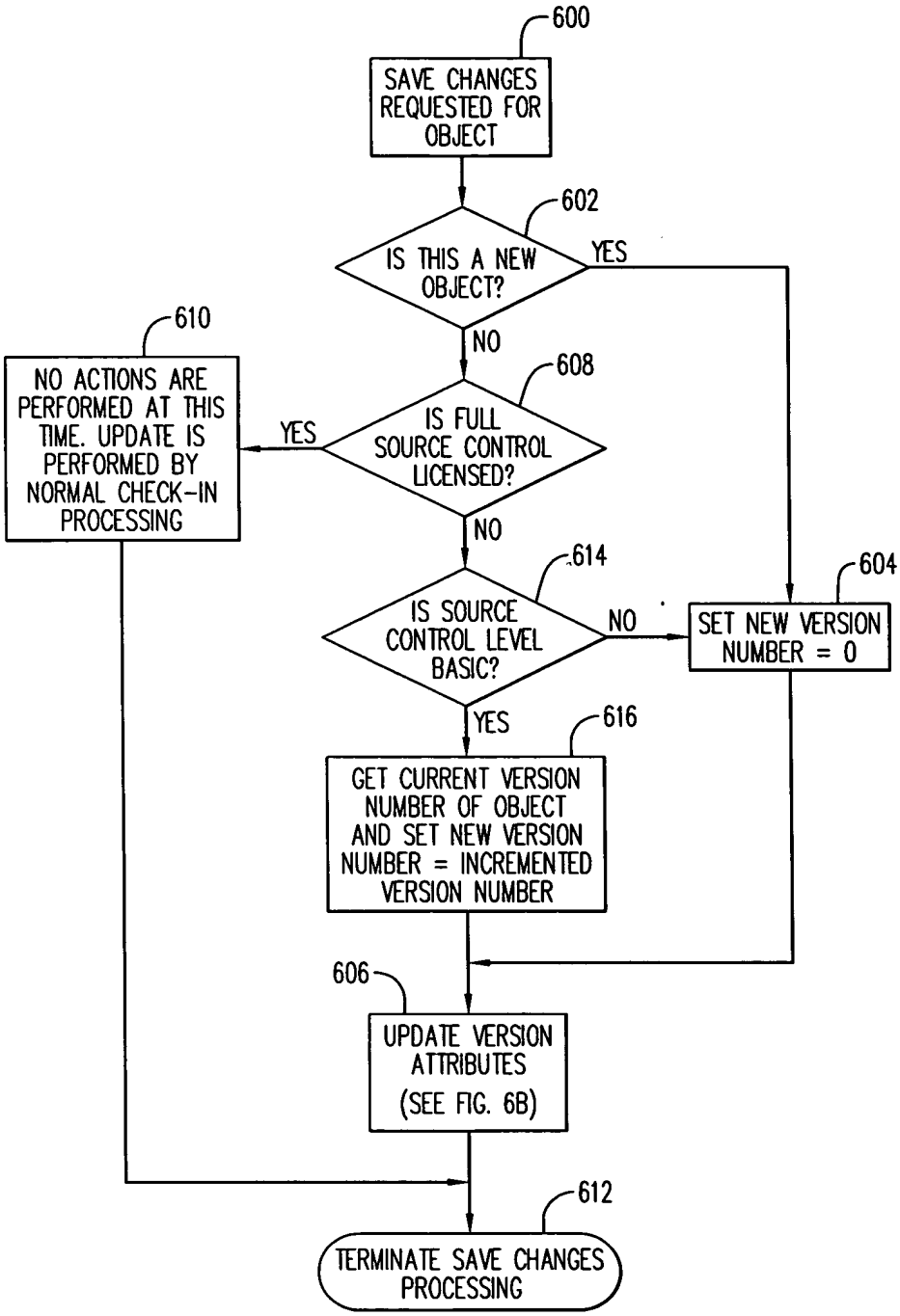
600
SAVE CHANGES REQUESTED FOR OBJECT
602
IS THIS A NEW OBJECT?
YES
NO
610
NO ACTIONS ARE PERFORMED AT THIS TIME. UPDATE IS PERFORMED BY NORMAL CHECK-IN PROCESSING
608
IS FULL SOURCE CONTROL LICENSED?
YES
NO
614
IS SOURCE CONTROL LEVEL BASIC?
NO
604
SET NEW VERSION NUMBER = 0
YES
616
GET CURRENT VERSION NUMBER OF OBJECT AND SET NEW VERSION NUMBER = INCREMENTED VERSION NUMBER
606
UPDATE VERSION ATTRIBUTES
(SEE FIG. 6B)
612
TERMINATE SAVE CHANGES PROCESSING

FIG. 6A

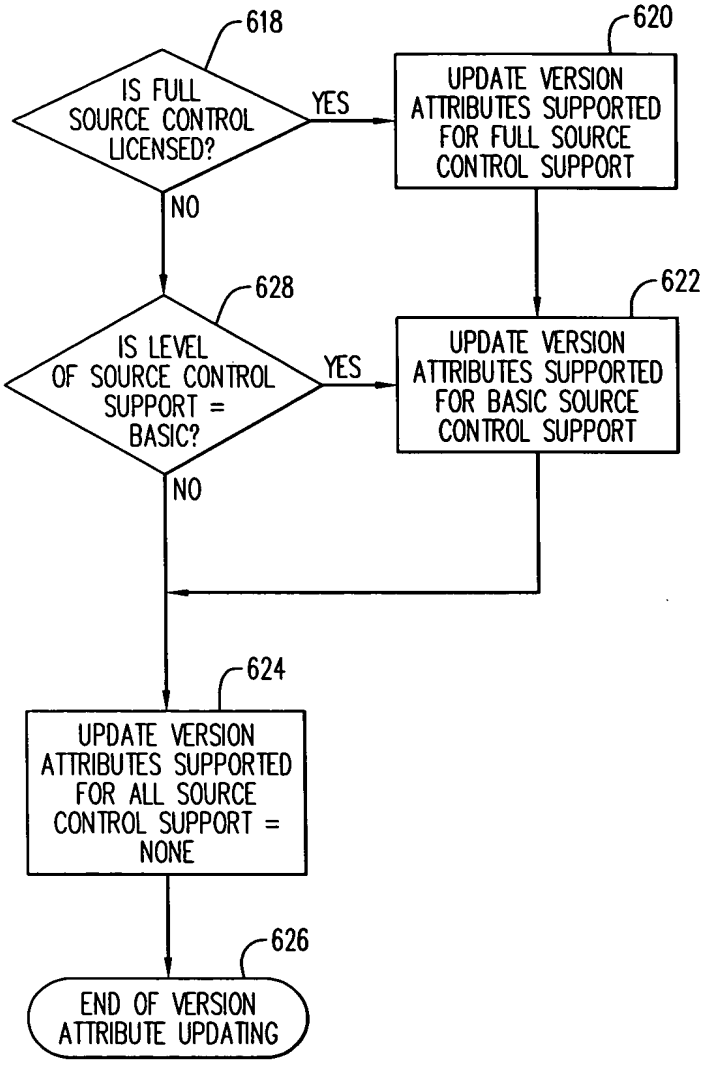
618
IS FULL SOURCE CONTROL LICENSED?
YES
620
UPDATE VERSION ATTRIBUTES SUPPORTED FOR FULL SOURCE CONTROL SUPPORT
NO
628
IS LEVEL OF SOURCE CONTROL SUPPORT = BASIC?
YES
622
UPDATE VERSION ATTRIBUTES SUPPORTED FOR BASIC SOURCE CONTROL SUPPORT
NO
624
UPDATE VERSION ATTRIBUTES SUPPORTED FOR ALL SOURCE CONTROL SUPPORT = NONE
626
END OF VERSION ATTRIBUTE UPDATING

FIG. 6B

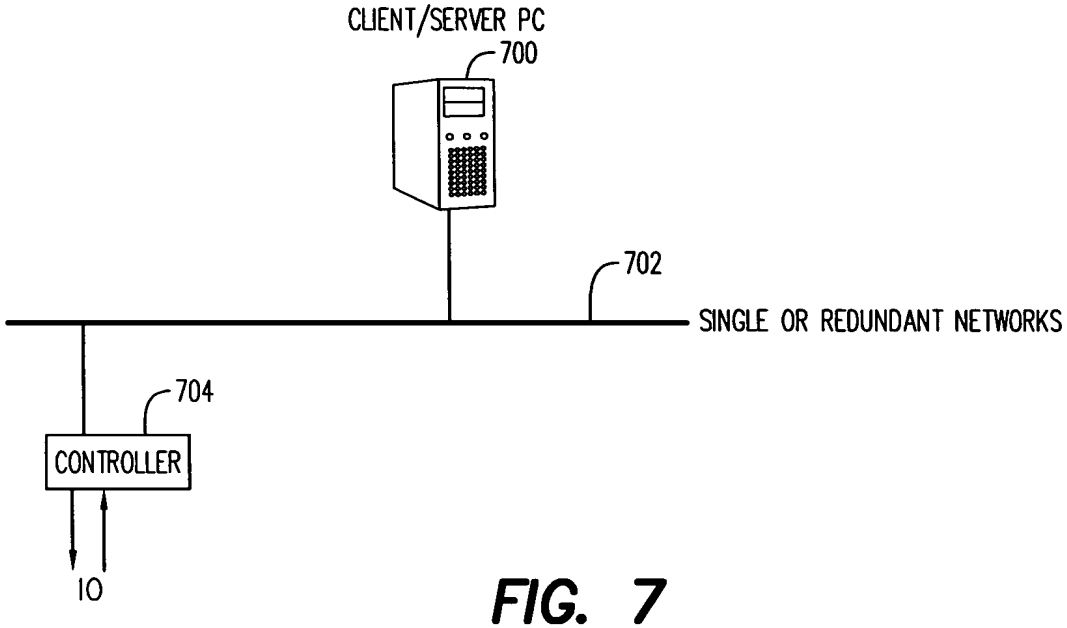
CLIENT/SERVER PC
700
702
SINGLE OR REDUNDANT NETWORKS
704
CONTROLLER
IO

FIG. 7

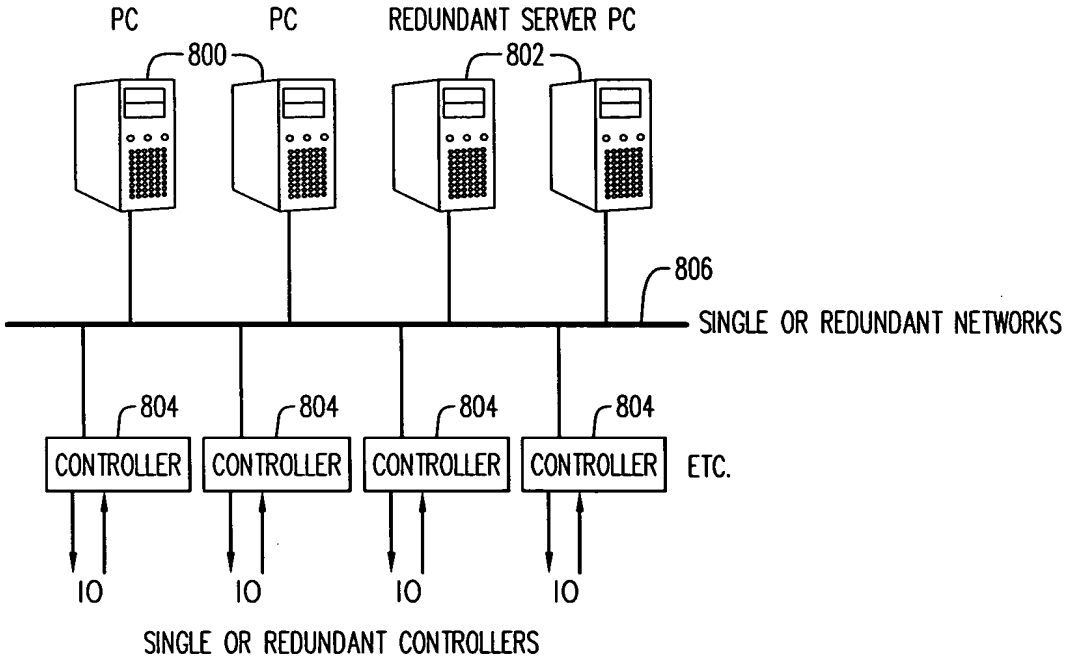
PC
PC
REDUNDANT SERVER PC
800
802
806
SINGLE OR REDUNDANT NETWORKS
804
804
804
804
CONTROLLER
CONTROLLER
CONTROLLER
CONTROLLER
ETC.
IO
IO
IO
IO
SINGLE OR REDUNDANT CONTROLLERS

FIG. 8